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10/677,891	09/30/2003	Baiju D. Mandalia	BOC9-2003-0047 (418)	9670

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EXAMINER	
PULLIAS, JESSE SCOTT	

ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/677,891	MANDALIA ET AL.	
	Examiner	Art Unit	
	JESSE S. PULLIAS	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *25 June 2008*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1,3-7,9-12,14-17 and 19* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,3-7,9-12,14-17 and 19* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1. This office action is in response to correspondence filed 06/25/2008 regarding application 10/677891. Claims 1, 3-7, 9, 11, 12, 14, 16, 17, and 19 are amended, claims 2, 8, 13, and 18 are cancelled, and claims 1, 3-7, 9-12, 14-17, and 19 are pending in the application and have been considered.

Response to Arguments

2. Applicant's arguments on pages 1-6 with respect to the 35 U.S.C. 103(a) rejection of claims 1, 3-7, 9-12, 14-17, and 19 have been considered but are moot in view of the new ground(s) of rejection.

Specification

3. While not objected to, applicant’s non-standard usage of the term “speech profile” in, e.g., paragraph [0022] of the disclosure has been noted.

Claim Objections

4. Amended claim 1 is objected to because of the following informalities: In line 9, “t he”, “spe ech”, “in put", and “se lecting” contain extraneous spaces. Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6. Claims 1, 3, 4, 6, 7, 9, 10, 12, 14, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lohmann, II et al. (5,745,692) in view of Gilde et al. (7,020,611).

With respect to claim 1, Lohmann, II discloses a method of administering managed systems in a managed network **(Col 2 lines 43-44,** automated systems administration for computer networks**)** using a voice interface **(Col 3 lines 20-22,** IVR**)** comprising:

storing a system speech profile corresponding to each managed system **(Col 7 lines 44-47,** each server has a menu of commands, see **Col 5 lines 47-50,** which may be entered vocally, **Col 6 lines 7-12)**;

automatically generating a grammar and a speech dialog for each managed system using the system speech profile **(Col 3 lines 20-30,** creation of a command set and menu interface for IVR**)**;

receiving a voice telephone call from a system administrator **(Fig 5a,** Call-in 56**)**;

authenticating the system administrator **(Fig 5a,** Enter user ID and password, 60 and 68**)**;

receiving, over the voice telephone call, a first speech input selecting a managed system **(Fig 5b,** server ID is entered at block 75, commands may be spoken, **Col 6 lines 7-12)**;

recognizing the first speech input to identify the selected managed system **(Fig 5b,** server ID is entered at block 75, commands may be spoken and recognized, **Col 6 lines 7-12)**;

loading a corresponding grammar and speech dialog for the selected managed system **(Col 7 lines 46-48,** a voice response identifying the menu for administering the server, **Col 3 lines 23-30,** IVR is adapted to present menu**)**;

receiving a second speech input from the system administrator specifying an administrative function to be performed on the selected managed system **(Fig. 5b,** block 84, commands may be spoken and recognized, **Col 6 lines 7-12)**;

converting the second speech input to a textual representation using the grammar **(Col 8 lines 1-5,** e.g. console information of a server, **Col 6 lines 4-12,** instead of using keypad signals, commands can be entered vocally, recognized, and translated**)**;

matching the textual representation with an administrative command corresponding to the selected managed system **(Col 5 lines 47-50,** command set, **Col 6 lines 9-10,** recognition**)**;

providing the administrative command to the selected managed system **(Col 5 lines 47-50,** commands are issued to the server**)**;

receiving a response from the selected managed system **(Col 8 lines 1-5,** getting information from the server requires receiving a response from it**)**;

rendering an audio representation of the response and playing back to the system administrator **(Col 5 lines 5-8,** communicate with the systems administration using voice response units of the system**)**.

Lohmann, II does not specifically mention extracting text information from the response, and rendering an audio representation of the extracted text.

Gilde discloses extracting text information from a response, and rendering an audio representation of the extracted text **(Fig 6)**

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the invention of Lohmann, II by extracting text information from the response, and rendering an audio representation of the extracted text, to allow a user to listen to information in the form of conversation like audio, as suggested by Gilde **(Col 1 lines 42-44).**

With respect to claim 6, it is directed to a system for performing the method of claim 1, and so is rejected for reasons similar to those of claim 1.

With respect to claim 7, it is directed to a system comprised of means for performing the method of claim 1, and so is rejected for reasons similar to those of claim 1.

With respect to claim 12, it is directed to a machine readable storage, having stored thereon a computer program **(Lohmann, II, Col 3 lines 30-37)** for causing the machine to perform the method of claim 1, and so is rejected for reasons similar to those of claim 1.

With respect to claim 3, Lohmann, II suggests formatting the administrative command using a system management protocol corresponding to the selected managed system to generate the administrative command **(Col 2 lines 8-9,** translating into server commands suggests they are formatted using a syntax and transmission protocol used by the appropriate server**)**.

With respect to claim 4, Lohmann, II discloses said matching step first selects a set of administrative commands corresponding to the selected managed system from which to match the textual representation **(Col 5 lines 47-50,** set of possible commands, **Col 6 lines 7-12,** speech recognition**)**.

With respect to claim 9, it is directed to a system comprised of means for performing the method of claim 3, and so is rejected for reasons similar to those of claim 3.

With respect to claim 10, it is directed to a system comprised of means for performing the method of claim 4, and so is rejected for reasons similar to those of claim 4.

With respect to claim 14, it is directed to a machine readable storage, having stored thereon a computer program **(Lohmann, II, Col 3 lines 30-37)** for causing the machine to perform the method of claim 3, and so is rejected for reasons similar to those of claim 3.

With respect to claim 15, it is directed to a machine readable storage, having stored thereon a computer program **(Lohmann, II, Col 3 lines 30-37)** for causing the machine to perform the method of claim 4, and so is rejected for reasons similar to those of claim 4.

7. Claims 5, 11, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lohmann, II et al. (5,745,692) in view of Gilde et al. (7,020,611), in further view of Loring et al. (6,195,641).

With respect to claim 5, Lohmann, II and Gilde do not specifically mention adding a new managed system to the managed network including connecting the new managed system to the managed network, detecting the new managed system, and loading a system speech profile for the detected managed system.

Loring discloses adding a new managed system to the managed network **(Col 4 lines 60-61)** including connecting the new managed system to the managed network **(Col 4 lines 61-62,** new client begins a session**)**, detecting the new managed system **(Col 4 lines 61-62,** new client begins a session**)**, and loading a system speech profile for the detected managed system **(Col 4 lines 55-62,** transmitting the user vocabulary profile**)**.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the invention of Lohmann, II and Gilde by adding a new managed system to the managed network including connecting the new managed system to the managed network, detecting the new managed system, and loading a system speech profile for the detected managed system, in order to update vocabulary for each system as needed without requiring user interaction, as suggested by Loring **(Col 3 lines 4-6).**

With respect to claim 11, it is directed to a system comprised of means for performing the method of claim 5, and so is rejected for reasons similar to those of claim 5.

With respect to claim 16, it is directed to a machine readable storage, having stored thereon a computer program **(Lohmann, II, Col 3 lines 30-37)** for causing the machine to perform the method of claim 5, and so is rejected for reasons similar to those of claim 5.

8. Claims 17 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lohmann, II et al. (5,745,692). in view of Gilde et al. (7,020,611), in further view of Gutzmann (6,327,347).

Consider claim 17, Lohmann, II discloses the stored system speech profile for each managed system comprises a server identification code information associated with one or more users permitted to access the managed system **(Col 7 lines 42-44)**, the authenticating step further comprising:

prior to the step of loading, determining whether the user is permitted to access the selected system based on a comparison of the server identification code with the server identification code associated with the selected system **(Col 7 lines 40-45).**

Lohmann, II and Gilde do not specifically mention voice print information.

Gutzmann discloses voice print information **(Col 6 lines 1-10).**

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the invention of Lohmann, II and Gilde such that the stored system speech profile for each managed system comprises voice print information associated with one or more users permitted to access the managed system, the authenticating step further comprising: prior to the step of loading, determining whether the user is permitted to access the selected system based on a comparison of the received user speech with the voice print information associated with the selected system, in order to efficiently and economically identify the calling party, as suggested by Gutzmann **(Col 1 lines 41-45).**

With respect to claim 19, it is directed to a system for performing the method of claim 17, and so is rejected for reasons similar to those of claim 17.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jesse Pullias whose telephone number is 571/270-5135. The examiner can normally be reached on M-F 9:00 AM - 4:30 PM.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on 571/272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571/270-6135.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Jesse S Pullias/
Examiner, Art Unit 2626

/Talivaldis Ivars Smits/
Primary Examiner, Art Unit 2626

9/25/2008